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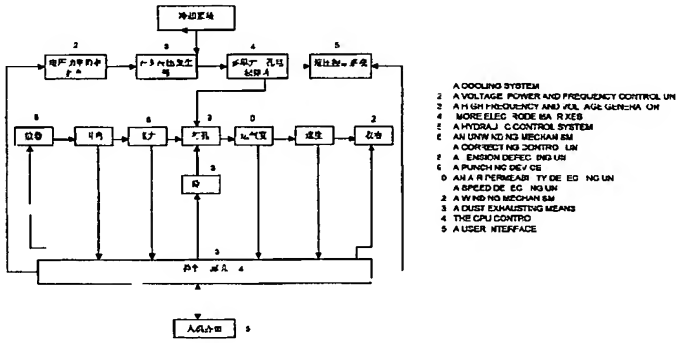
(54) Title: THE PUNCH DEVICE FOR SUBSTRATE WITH LARGE BREADTH AND SMALL THICKNESS

(54) 发明名称: 宽幅薄型基材打孔装置



(57) Abstract: The present invention relates to the electric punching technical field, especially to a punch device for substrate with large breadth and small thickness The device comprises a mechanism for winding and unwinding, a correcting control unit, a tension control unit, a hydraulic mechanism, a punch mechanism, a high frequency and voltage generator, a detecting unit, controlling means for speed, pulse frequency and pulse width control ,and an user interface, characterized in that said punch mechanism is composed of at least two or more electrode matrixes, each electrode matrix is made up of a plurality of electrode bars longitudinally arrayed, which form an angle a with the movement direction of the substrate, each pair of the electrode bars is composed of a anode bar and a cathode bar on either side of the substrate, each bar is provided with electrode pins in the number of M The advantage is that a unit area of the substrate to be processed can be punched multiple times when it passes through the working area, and thus not only a strip in the order of millimeter can be punched, but also a surface in the order of meter in width, especially in the breadth direction, can be punched evenly

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— 包括固阮栓索扳告.

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(57) 摘要：

本友明涉及屯打孔領域，特别涉及竟幅薄型基材打孔沒各。它由收、放卷杭构，糾偏控制、張力控制，液匝帆构，打孔帆构，高頻高庄友生器，検洲帆构，速度、咄脈沖頻率，脈沖寬度，控制裝置，人析操作界面組成，其特征在于所迷的打孔杭构是由至少二介及以上屯板矩陣构成，屯板矩陣由肘匀薄型基材這劫速度方向成a奕角的叛向排列祠板荼組成，每一肘屯板荼由置于薄型基材平面兩側的正血屯板荼构成，每一屯板荼上投置M介咀板汁。仇貞是：加工的薄型基材通迂加工匡域能突現肘卓位面秧范圃內的多吹打孔，能在毫米級的荼狀范圃內打孔，又能在幅寬力米級的面上均匀打孔且能保征在竟幅內均匀打孔。